

What is claimed is:

1. Method of shutting down a pluggable electrical unit in a modular system comprising a base unit and at least one pluggable electrical unit, each pluggable electrical unit having module electronics and a switch, which is coupled to a mechanical locking of the pluggable electrical unit in the base unit, and the interface between the base unit and the pluggable electrical unit being provided with a variable resistor, arranged in the feed line, and switching means, via which the module electronics are communicatively connected to the base unit,
- with the following steps:
- the locking of the pluggable electrical unit (2) is unlocked,
 - during the unlocking of the pluggable electrical unit (2) to be removed, the switch (25) is actuated,
 - communication operations in progress between the base unit (1) and the pluggable electrical unit (2) to be removed are terminated,
 - the communication connection routed via the switching means (34) is disconnected and the module electronics (22) of the pluggable electrical unit (2) to be removed are isolated from the base unit (1) and
 - the variable resistor (31) is brought in a controlled manner into its high-resistance state.